

# NEBRASKA

## WEATHER & CROPS



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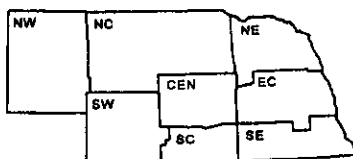
For Week Ending June 27, 1998

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National Agricultural Statistics Service  
U.S. Department of Agriculture  
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National Oceanic and Atmospheric Admin  
National Weather Service



Nebraska Department of Agriculture  
Division of Agr'l Statistics  
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### WEATHER

Temperatures in the Panhandle averaged near normals while the remainder of the State averaged two to five degrees above normals. Precipitation fell across the State with amounts averaging from around a half inch to nearly one and a fourth inches.

### GENERAL

Harvest of wheat was underway in southern counties as temperatures well above normal during the week promoted rapid development of crops according to the Nebraska Agricultural Statistics Service. Producers were attempting to get the last cultivation and fertilizer side-dressing done before crop growth prohibited fieldwork. Irrigators were busy laying pipe and ditching crops. Dry conditions continued to worsen in the lower southwest, with some livestock moving to market as a result of short pastures. Reporters indicated grain movement increased as prices temporarily moved higher. Other producer activities included haying, working summer fallow and livestock care.

### CROPS

Winter wheat condition rated 4% very poor, 15% poor, 27% fair, 46% good, and 8% excellent. Harvest was 4% complete, same as average but ahead of last year when harvest had not yet started. Wheat turning color advanced to 83%, ahead of 71% last year, and 72% average. Statewide, 17% of the acreage was considered ripe, compared with 1% last year and 12% average. Cutting was occurring in many of the extreme southern counties.

Corn condition rated 1% very poor, 4% poor, 16% fair,

### CROPS (Cont.)

59% good, and 20% excellent. Dryland corn rated 79% in good or excellent condition, as did irrigated acres. Corn borer counts to date have been low.

Soybean condition rated 1% very poor, 5% poor, 17% fair, 61% good, and 16% excellent. Weed control activities were active.

Sorghum condition rated 1% very poor, 4% poor, 30% fair, 52% good, and 13% excellent.

Dry bean planting was virtually complete with 92% of the crop emerged, same as last year and average.

Oats condition rated 1% very poor, 9% poor, 13% fair, 53% good, and 24% excellent. The amount of acreage headed was 96%, compared to 84% last year.

Alfalfa condition rated 1% very poor, 6% poor, 29% fair, 55% good and 9% excellent. The first cutting was 95% complete, ahead of 92% last year and 94% average. Poor hay quality of the first cutting of alfalfa was again noted in eastern counties. Insect damage was noted as resulting in significant crop loss in northern areas. Wild hay condition rated 2% very poor, 5% poor, 20% fair, 52% good, and 21% excellent.

### LIVESTOCK, PASTURE & RANGE

Pasture and range condition improved and rated 2% very poor, 4% poor, 16% fair, 59% good, and 19% excellent. Livestock gains had slowed due to the above normal temperatures. Cattle were being moved off pastures in some southwestern areas due to drought conditions.

FIELD WORK PROGRESS AS OF JUNE 28, 1998	AGRICULTURAL STATISTICS DISTRICTS								STATE	LAST WEEK	LAST YEAR	AVER- AGE
	NW	NC	NE	C	EC	SW	SC	SE				
% Wheat Turning	69	76	90	71	98	93	99	100	83	59	71	72
% Wheat Ripe	0	0	13	1	2	30	36	43	17	1	1	12
% Wheat Harvested	0	0	0	0	0	8	9	12	4	n/a	n/a	4
% Oats Headed	89	100	99	97	94	100	100	94	96	68	84	n/a
% Dry Beans Planted	98	100	100	100	n/a	100	n/a	n/a	98	94	99	100
% Dry Beans Emerged	91	100	99	90	n/a	97	n/a	n/a	92	77	92	92
% Alfalfa First Cutting	94	98	96	90	95	98	100	100	95	75	92	94
DAYS SUITABLE AND SOIL MOISTURE CONDITION AS OF JUNE 26, 1998												
Days suitable	5.2	4.0	4.4	4.5	4.5	5.2	6.9	5.1	4.8	3.5	4.2	
Topsoil moisture - Very Short	1	0	0	1	0	26	11	4	4	3	1	
(Percent) - Short	20	0	4	5	4	22	43	19	12	8	17	
- Adequate	77	78	81	85	79	45	46	71	73	76	74	
- Surplus	2	22	15	9	17	7	0	6	11	13	8	
Subsoil moisture - Very Short	0	0	0	0	0	22	5	4	3	2	1	
(Percent) - Short	13	8	4	3	3	30	31	12	11	9	15	
- Adequate	87	92	80	85	81	48	64	83	80	78	81	
- Surplus	0	0	16	12	16	0	0	1	6	11	3	

n/a = not available

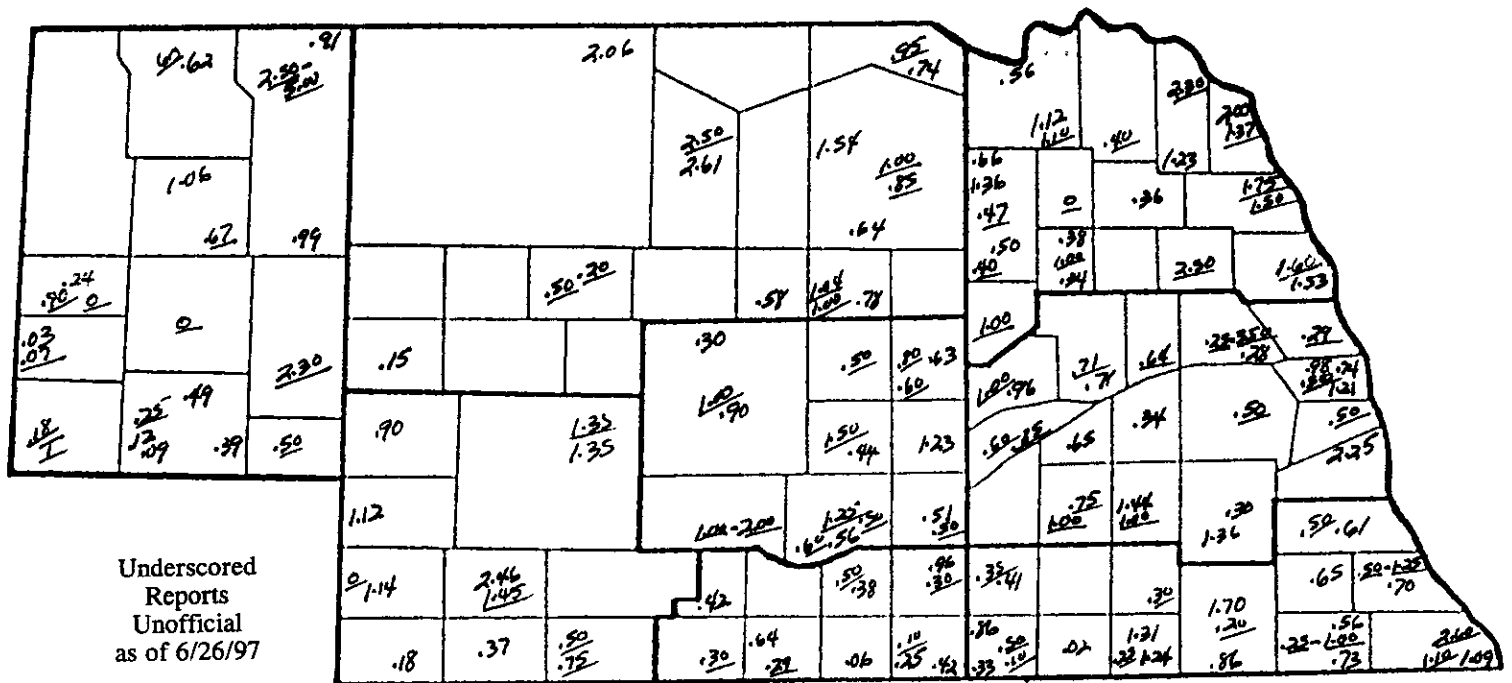
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6/29/98

# PRECIPITATION MAP FOR WEEK ENDING SATURDAY, JUNE 27, 1998



## PRECIPITATION, APRIL 1 - JUNE 27, 1998

	NW	NC	NE	CEN	EC	SW	SC	SE
Total past week . . . . .	.49	1.14	.86	.65	.94	1.21	.45	.79
Total since April 1 . . . . .	6.92	11.73	13.33	11.05	15.93	7.84	6.83	9.73
Normal since April 1 . . . . .	7.50	8.67	10.06	9.70	10.76	8.22	9.47	10.60
Total as % of normal . . . . .	92%	135%	133%	114%	148%	95%	72%	92%

## TEMPERATURE, PRECIPITATION, AND GROWING DEGREE DAY DATA, WEEK ENDING SATURDAY, JUNE 27, 1998

Station		Temperature			Precipitation	Growing Degree Data Since April 15		
		Extremes		Mean	Departure	Total Inches	Last Week	Current
		Max	Min					
NW	Chadron	94	48	70	---	.62	---	---
	Scottsbluff	94	49	70	0	.24	132	832
	Sidney	96	46	69	---	.12	124	756
NC	Valentine	90	48	70	-1	2.06	---	---
	Arthur	---	---	---	---	---	126	804
	O'Neill	---	---	---	---	---	155	908
NE	Norfolk	95	54	76	+4	.38	---	---
	Sioux City	92	52	75	+2	1.37	---	---
	Concord	---	---	---	---	---	170	994
	Elgin	---	---	---	---	---	163	949
	West Point	---	---	---	---	---	174	1046
CEN	Grand Island	99	57	78	+4	.51	173	1033
	Ord	95	55	75	---	---	163	978
	Kearney	---	---	---	---	---	170	1037
	Lincoln	96	56	80	+5	.30	194	1152
EC	Omaha	93	58	79	+5	.74	---	---
	Central City	---	---	---	---	---	173	1043
	Mead	---	---	---	---	---	186	1141
	Imperial	100	52	75	---	---	---	---
SW	North Platte	98	50	73	+3	1.35	148	947
	Curtis	---	---	---	---	---	162	996
	Holdrege	---	---	---	---	---	172	1046
SC	Red Cloud	---	---	---	---	---	191	1202
	Beatrice	---	---	---	---	---	183	1106
SE	Clay Center	---	---	---	---	---	182	1074

Growing Degree Days (GDD) are used to measure the length of time required for a crop to reach maturity. The formula used to calculate GDD is: Max. temp. + min. temp. divided by 2 minus 50 = GDD. For example, if the average temperature for a day = 70 degrees, the GDD = 20 for that day. GDD are calculated for each day and accumulated from April 15.

Growing Degree Day data is furnished by the Department of Agricultural Meteorology, Institute of Agriculture and Natural Resources, The University of Nebraska-Lincoln.